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ABSTRACT

Produced for primary and intermediate grades, this student booklet provides a study of ecological terms. These include environment, interrelationships, ecology, organisms, energy, food chains, food web, producers, consumers, decomposers, energy cycle, and ecosystems. Line drawings and a minimum amount of narrative make up its content and it may be utilized in several subject areas. A related document is the teacher's guide, SE 016 489. This work was prepared under an ESEA Title III contract for the Interdisciplinary Environmental Education K-12 project. (BL)

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"BRUSH UP ON
YOUR ECOLOGY"

BRUSH UP ON YOUR ECOLOGY

A booklet of ecological terms

Prepared by

Interdisciplinary Environmental Education

An E.S.E.A. Title III Project

Broward County, Florida

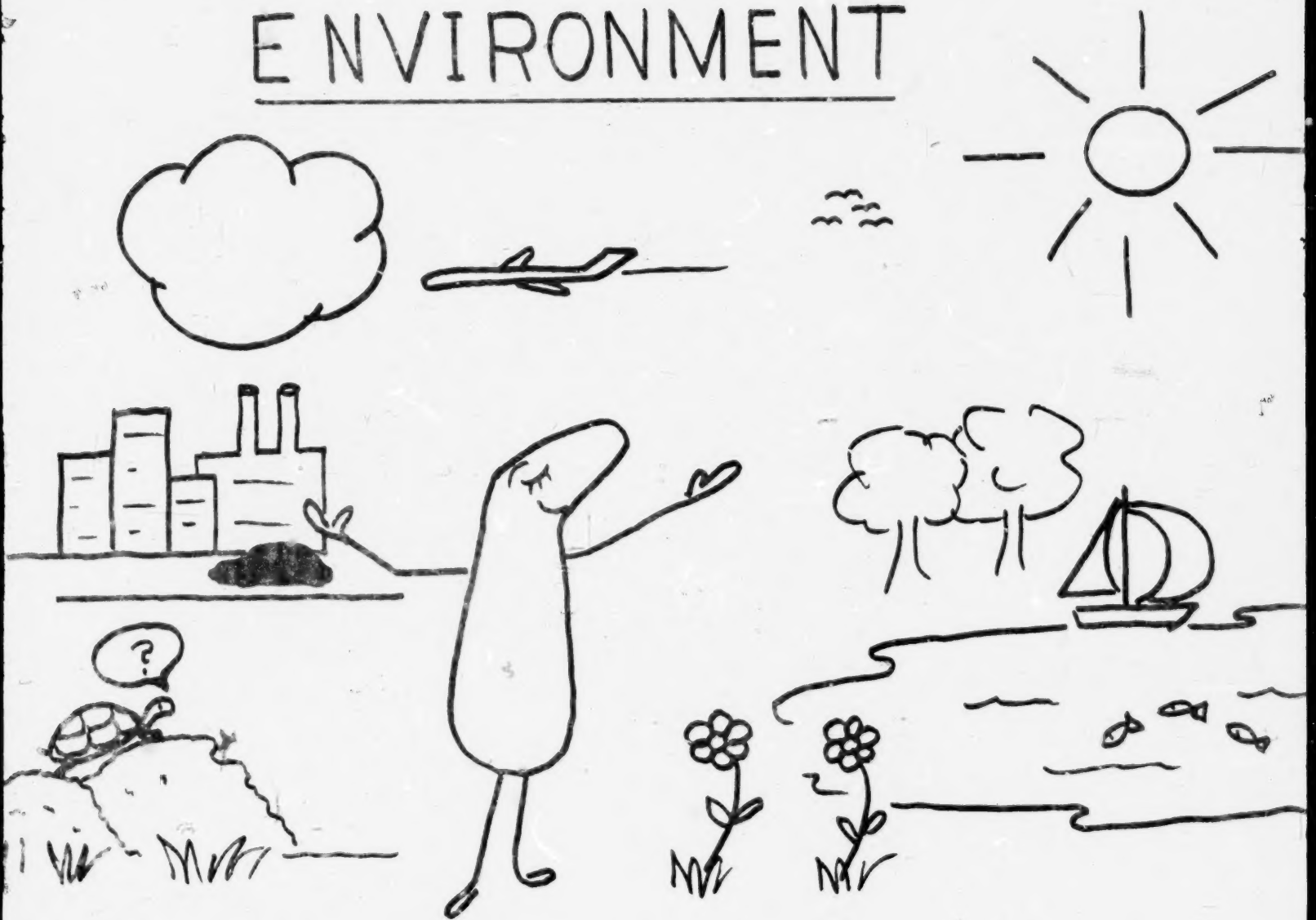
Written and illustrated by

Marilyn Laskey and Nancy Hougendobler

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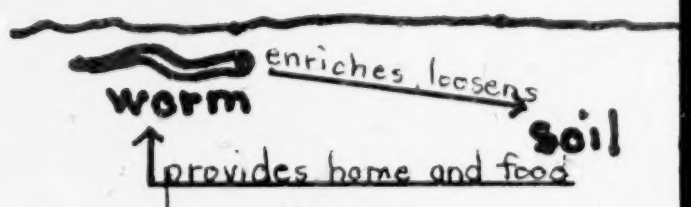
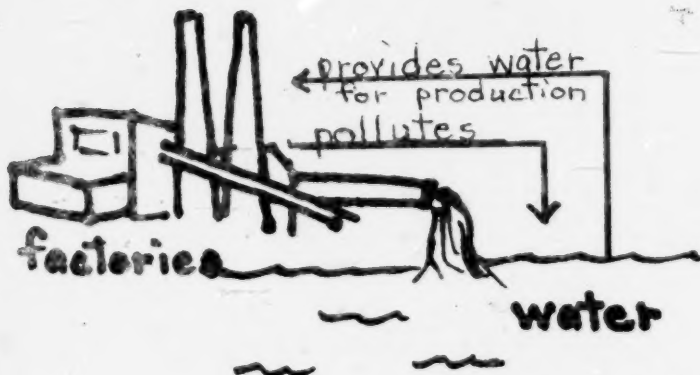
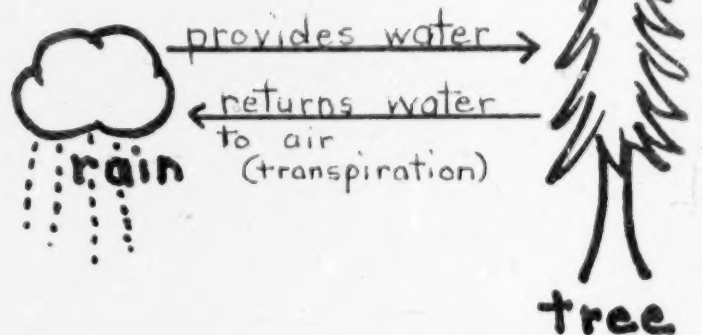
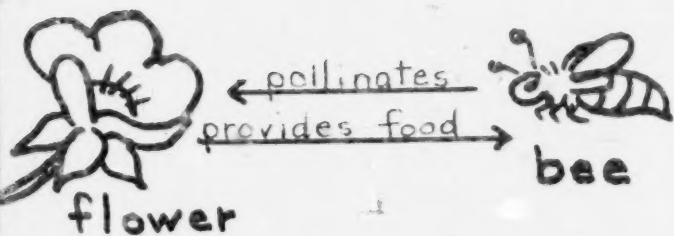
ENVIRONMENT



The sum total of all living and non-living things.

2.

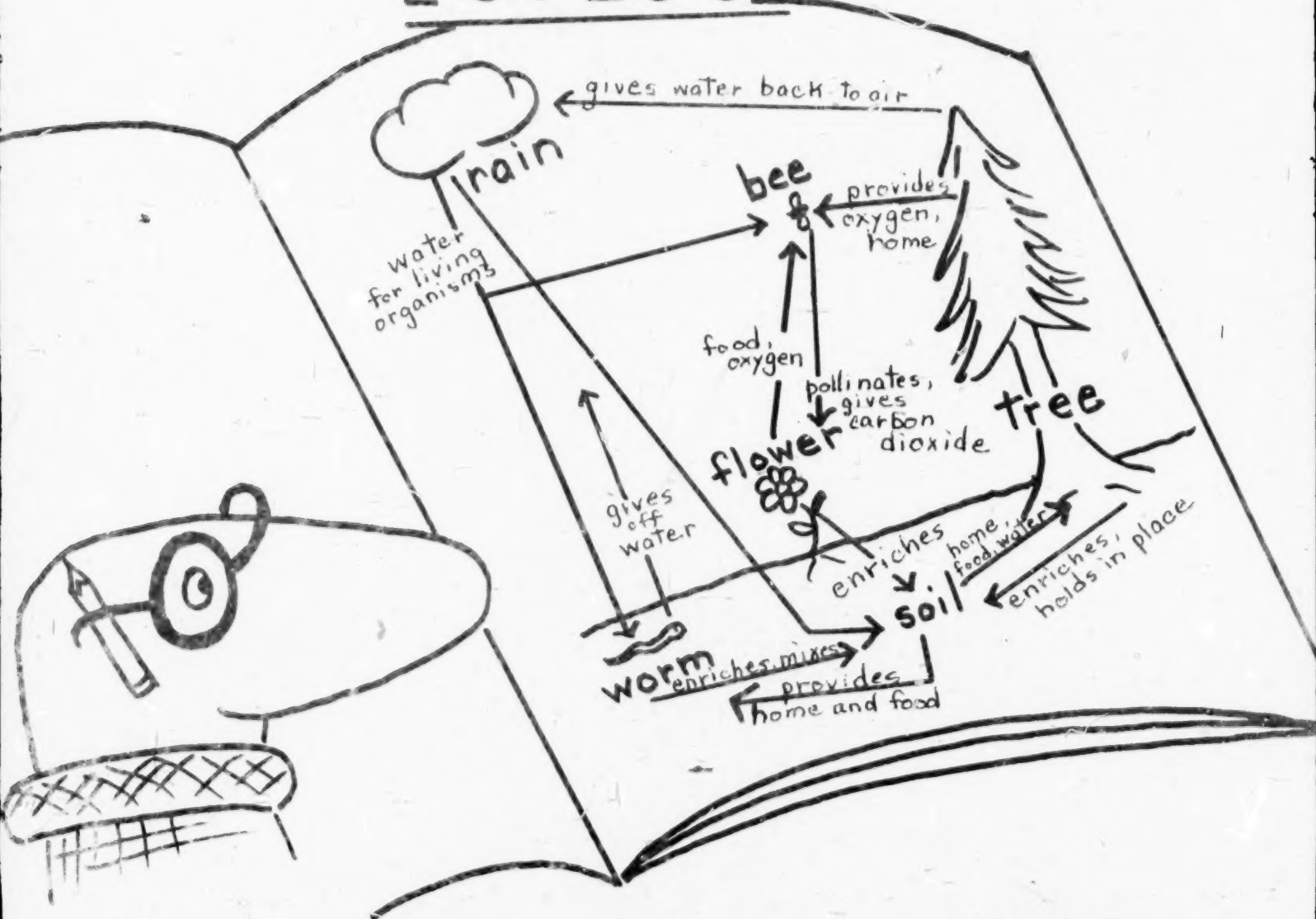
INTERRELATIONSHIPS



Acting upon one another.

3.

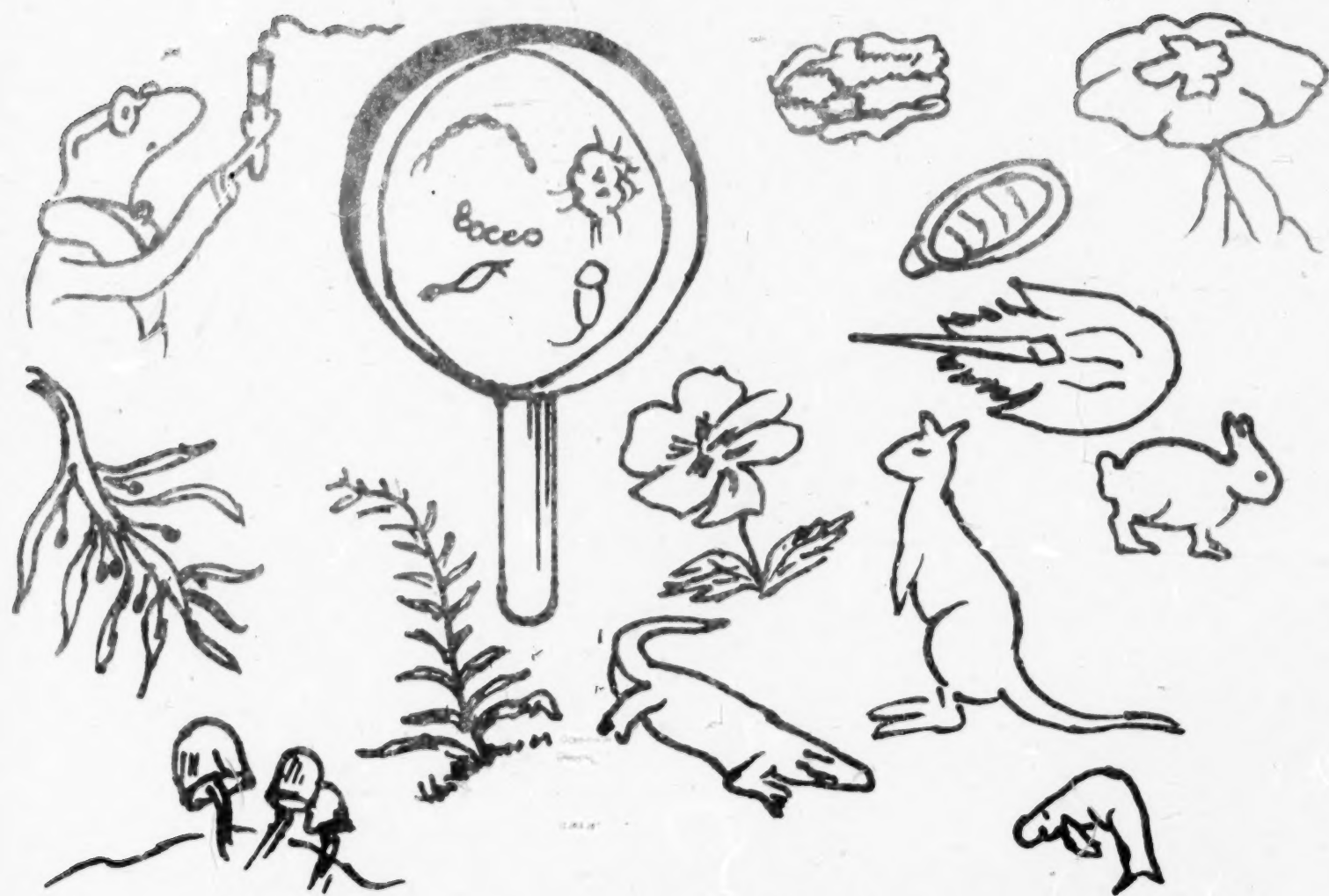
ECOLOGY



The study of the interrelationships of all living and non-living things.

4.

ORGANISMS

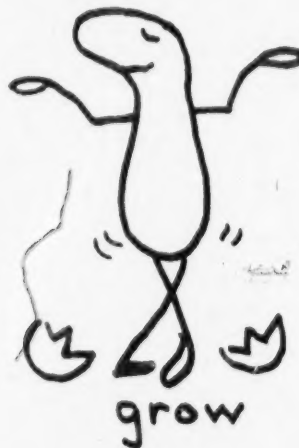


All living things.

5.

ENERGY

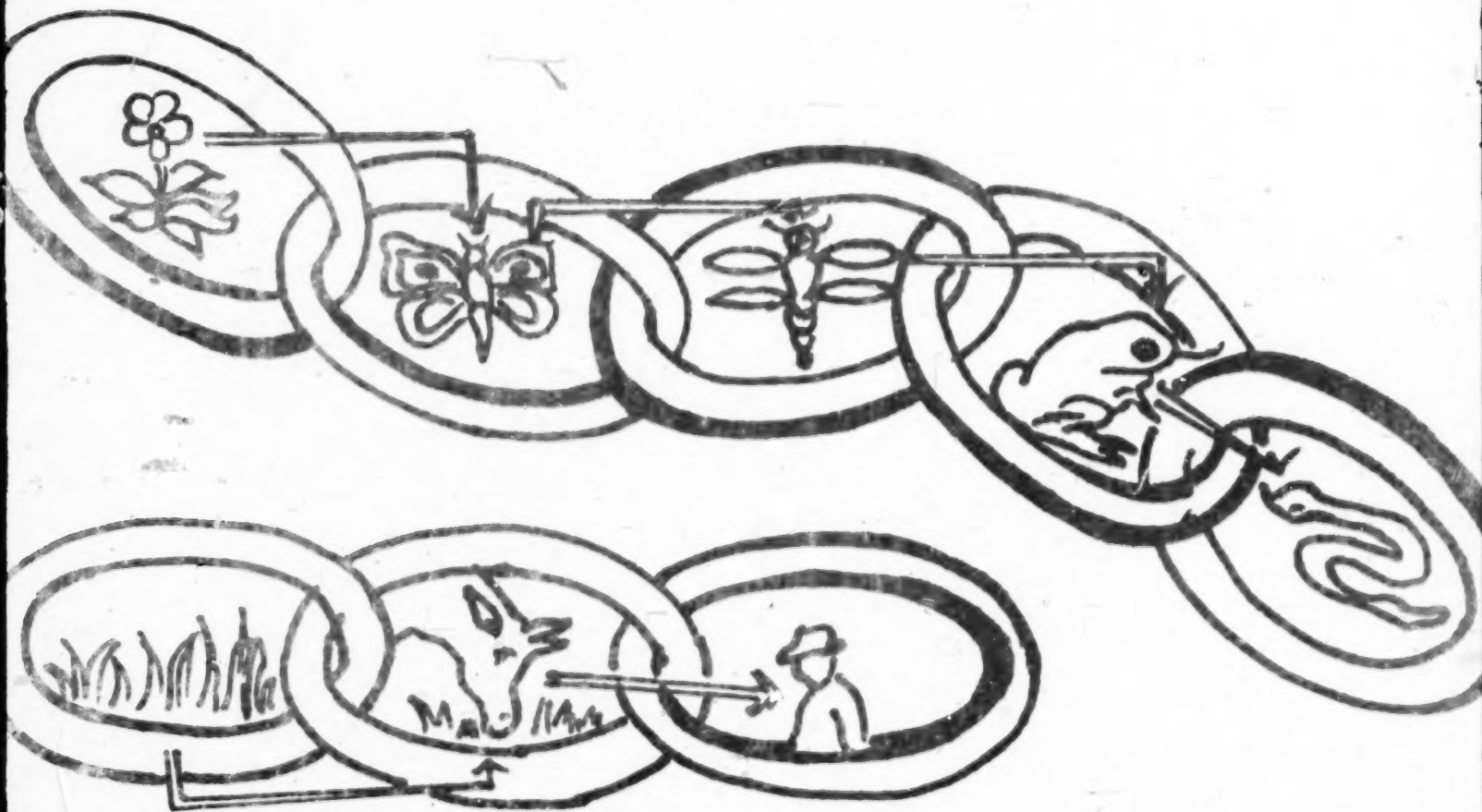
We need energy to -



The ability or active strength to do anything.

6.

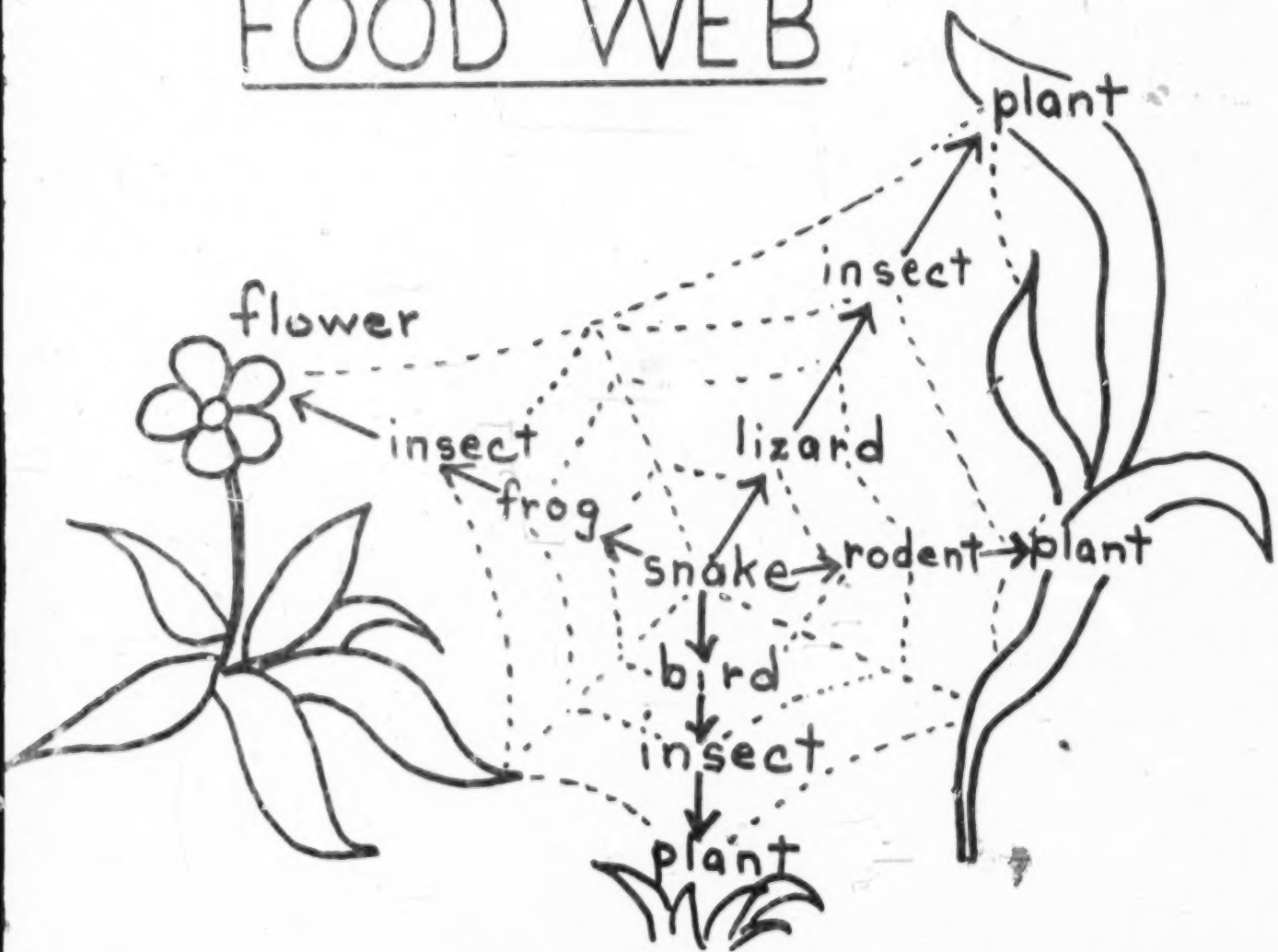
FOOD CHAINS



Systems by which all organisms get energy through food.

7.

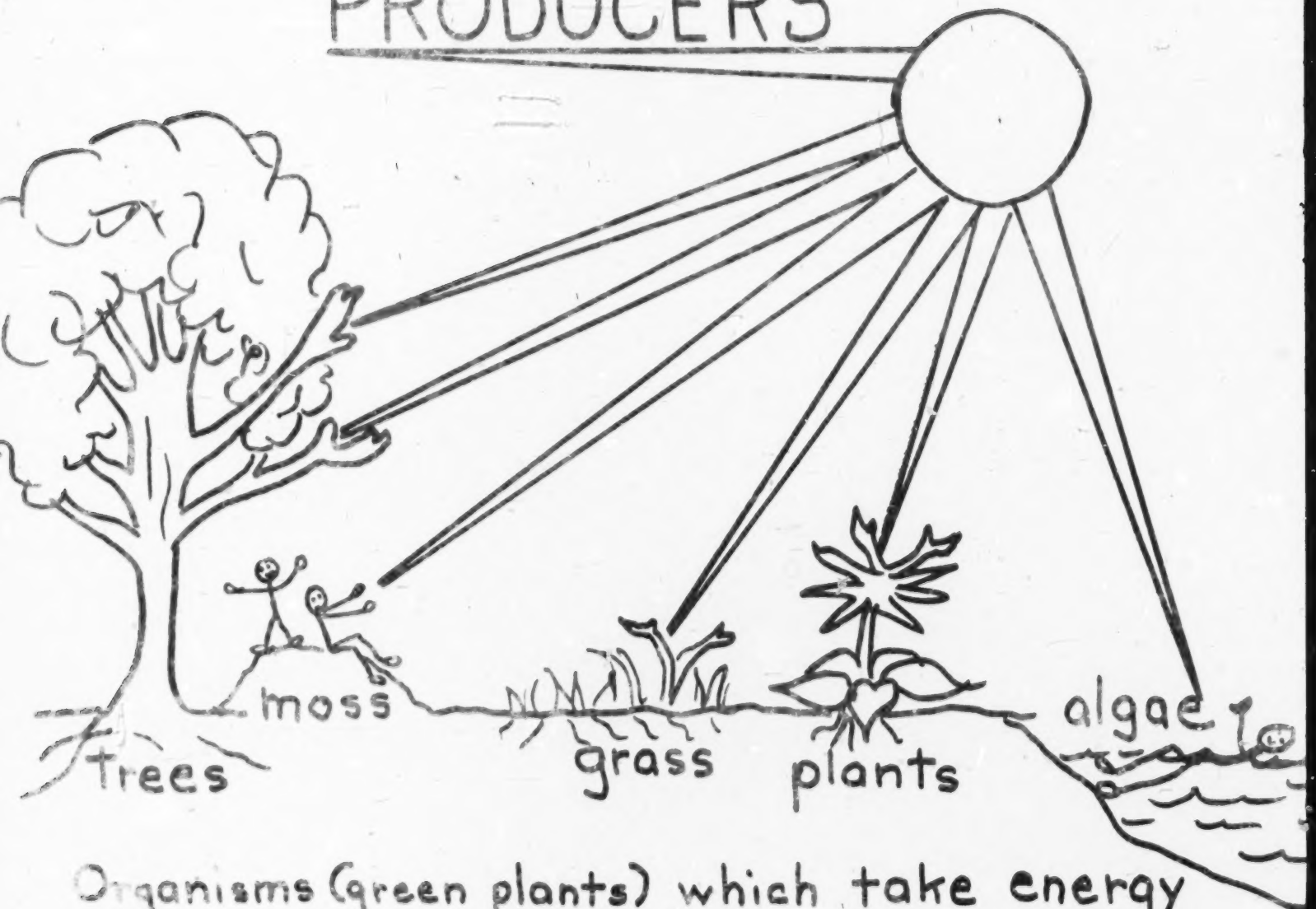
FOOD WEB



Because many organisms are part of different food chains, we say they make a food web.

8.

PRODUCERS



Organisms (green plants) which take energy from the sun and use it to produce their own food and grow.

9.

CONSUMERS



Organisms that get their food
and energy from other organisms
(producers and other consumers).

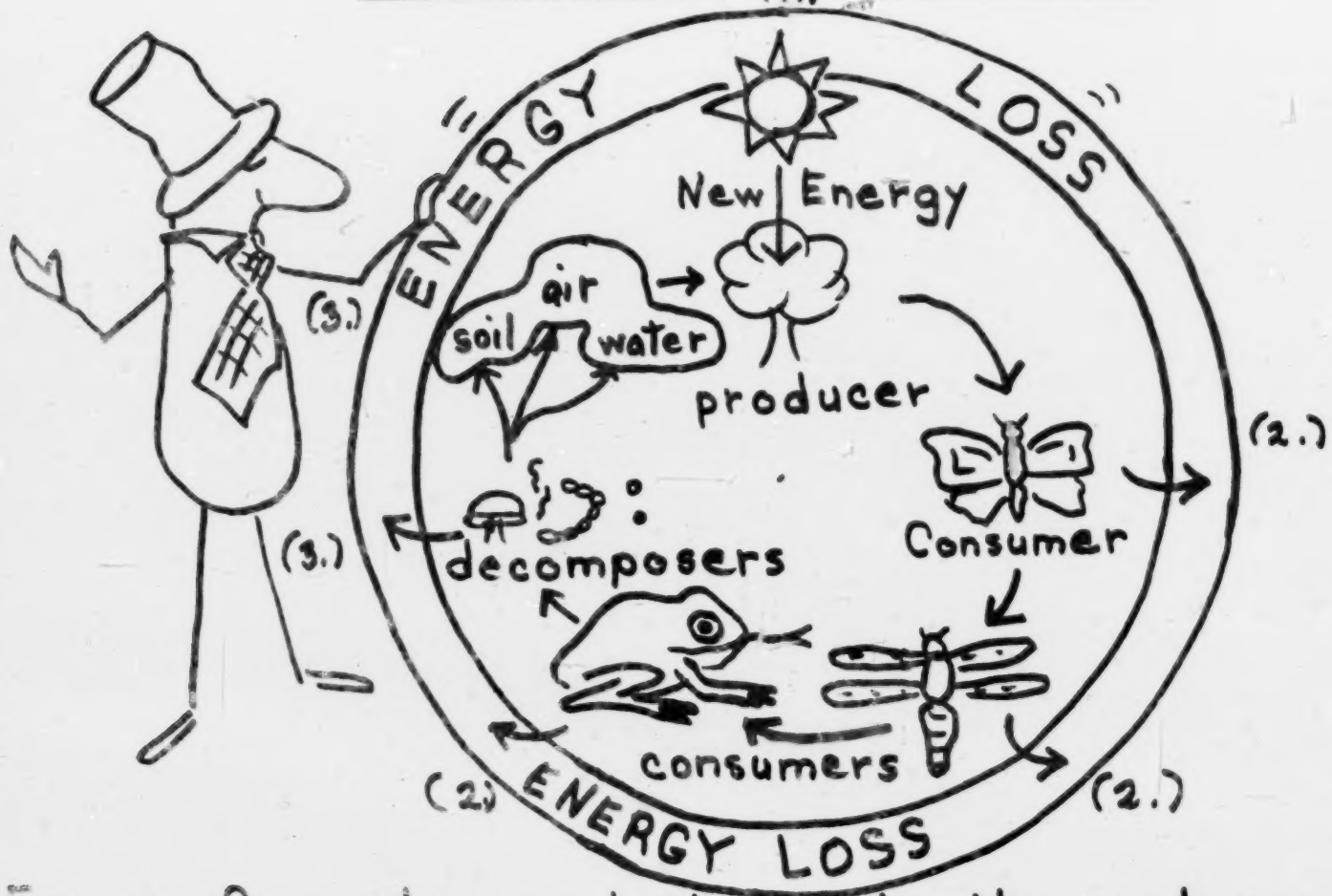
10.

DECOMPOSERS



Organisms (bacteria, fungi, toadstools) that decay or break down other materials, returning the elements of which they are made to the soil, air, and water.

ENERGY CYCLE



Energy from the sun is taken by the producers (1.), passed on to consumers (2.), and returned to the producers (3.). Much energy is lost in the transfer so new energy from the sun is always needed.

12.

ECOSYSTEMS

can be



a crack in a sidewalk,



a lake,



your back yard,



a tree,

or



a continent.

Any self-renewing community populated by producers, consumers, and decomposers.

13.



ECKY
SAYS,

"Hope you made
a clean sweep!"

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